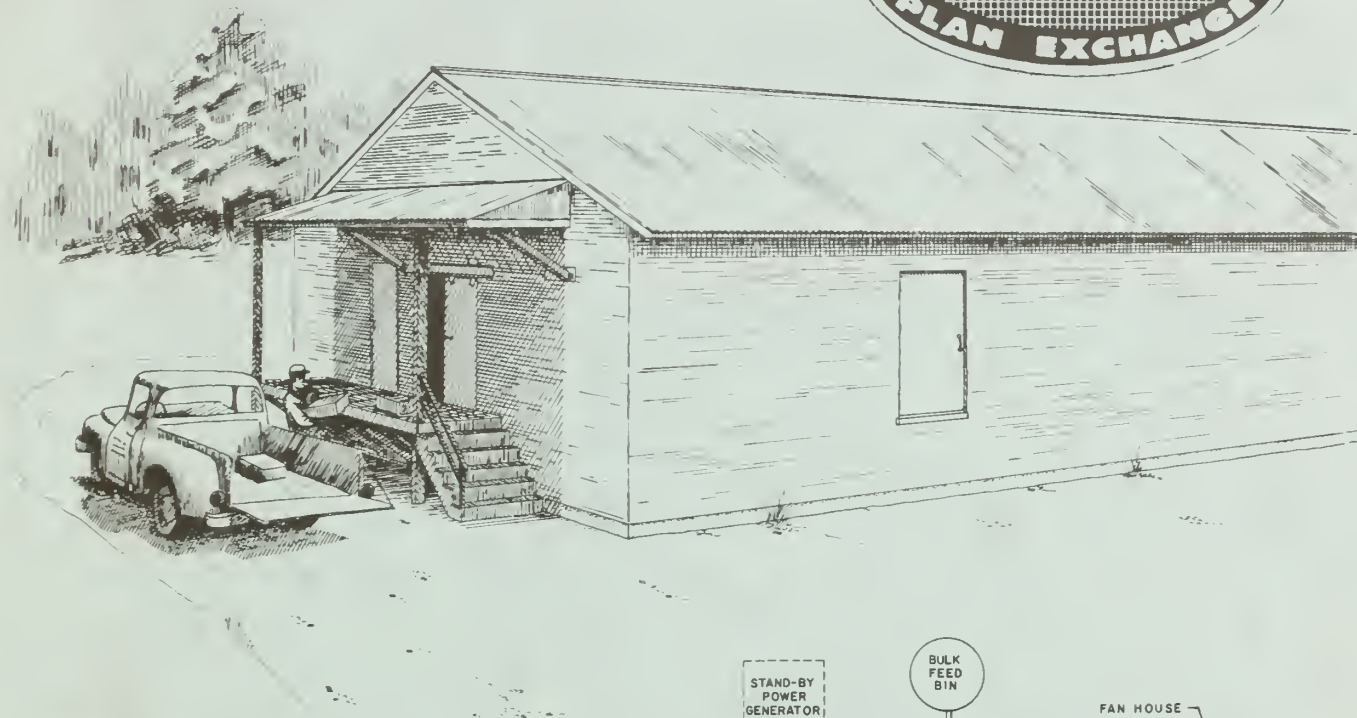


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CAGE LAYING HOUSE

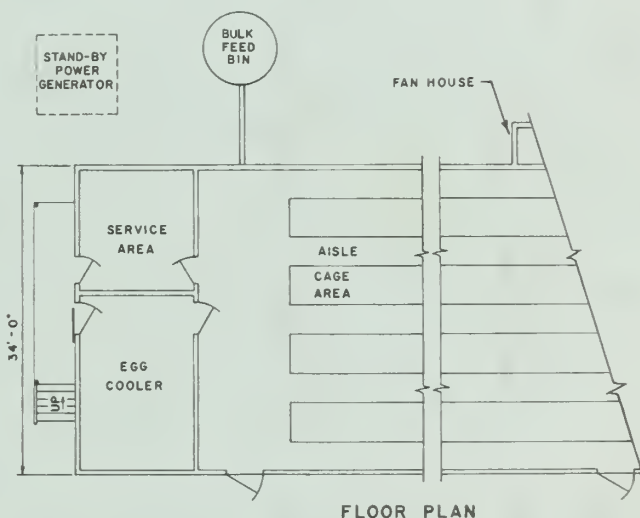


This modern poultry house can be built to house from 20,000 to 40,000 laying hens, using 6,720 to 13,440 cages. The house is enclosed and windowless, which enables the poultryman to control the inside environment by regulating the ventilation rate and supplemental heat input. Insulation is placed between the corrugated metal siding and the 3/8-inch exterior plywood on the sides, the ceiling is covered with 6 inches of blanket insulation.

Insulating and ventilating systems will depend on the climatic conditions of the area where this structure is to be built. A totally enclosed house must have positive ventilation at all times. A standby power source and a battery-operated alarm system are strongly advised to prevent catastrophic bird losses during period of electrical power failure.

The roof trusses will support a live load not to exceed 35 pounds per square foot.

The interior of the laying house should be so arranged and equipped that both the hens and the eggs can be cared for with a minimum of labor and time. Cage systems should be formed of strong, corrosion resistant galvanized steel wire, arranged in flat-deck or stair-step fashion which provides easy access and surveillance.



Complete working drawings may be obtained from the extension agricultural engineer at your State university. There may be a small charge to cover cost of printing.

If you do not know the location of your State university, send your request to Agricultural Engineer, Extension Service, U.S. Department of Agriculture, Washington, D.C. 20250. He will forward your request to the correct university.

ORDER PLAN NO. 6166, Cage Laying House.

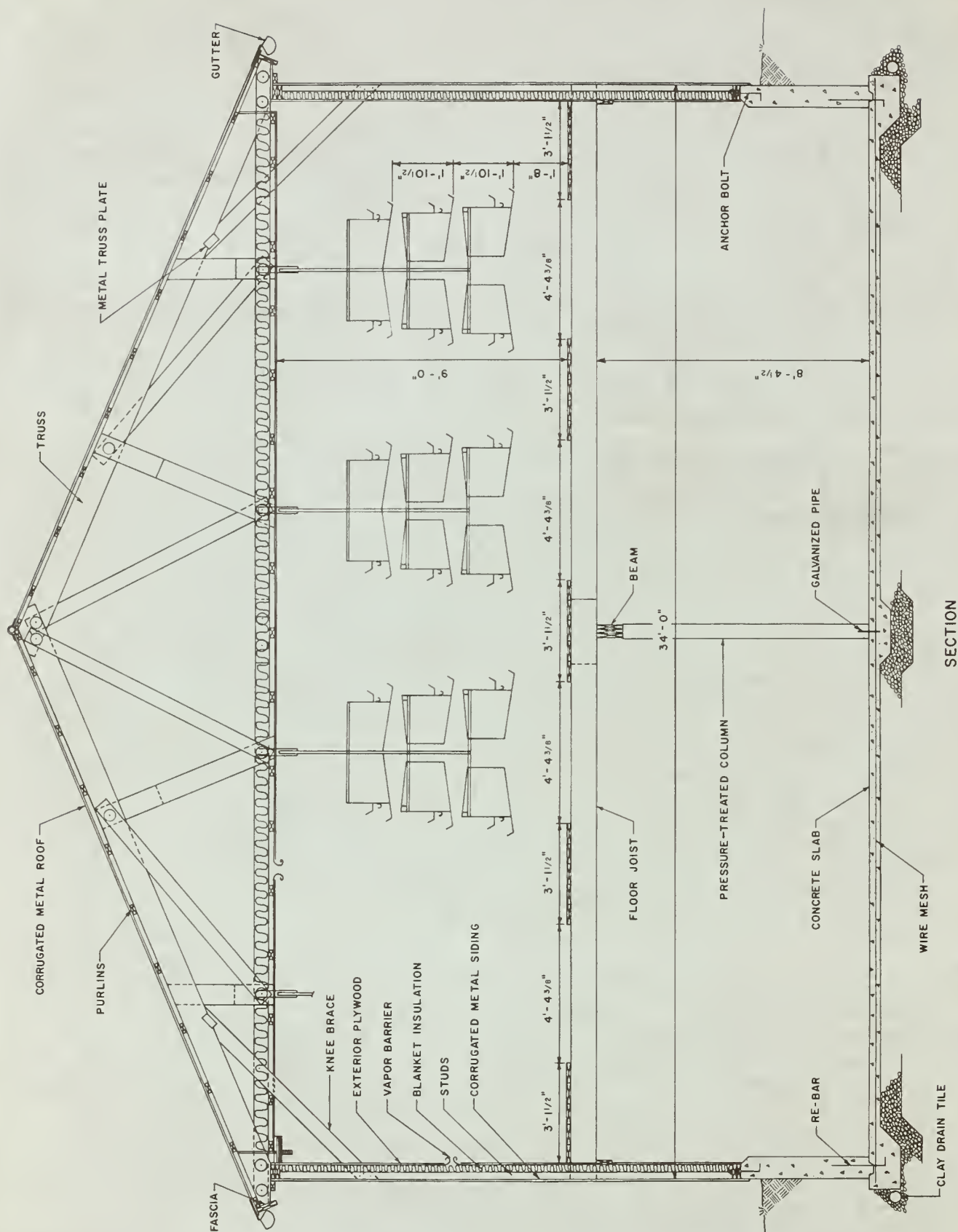
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